

Hoover Data Center Construction Project
Electrical Construction Activities Scheduled for March 11, 2006
Customer Fact Sheet
2/28/2006

This plan eliminates the need for the outage that had been tentatively planned for March 12, 2006.

- **Upgrade Details**

The ITE Hoover data center and server farm are undergoing major reconstruction and remodeling to improve the support infrastructure including, upgraded cooling equipment and water lines, replacement of fire alarm and suppression, replacement of electrical wiring from the generators and UPS to each piece of equipment, security improvements, and upgrade of the server farm floor system.

On March 11 from approximately noon till 6pm there will be major electrical work which will require disconnecting the data center uninterruptible power supply and running on power generated by the capitol complex energy plant. Mainframe printing and other non-essential services (test servers) will be shut down to conserve power. Other Hoover building tenants running server equipment should be aware of the risk of potential disruptions to electrical service.

- **What to expect on March 11, 2006**

- There will be 2 brief (approximately 7 second) campus power outages – equivalent to the “curtailment” outages experienced last summer. These will occur at about noon and 6pm. The procedures developed for notifying agencies of curtailments will be followed to provide notification for these outages.
- At noon on 3/11/2006, ITE staff will begin powering off non-essential (test) server farm equipment and data center printers.
- Construction activities are scheduled to last until 5pm. These activities include a “live tap” (connect while power is on) to the Hoover building power supply to power data center equipment during the remainder of construction activities.
- At about 5pm, ITE staff will begin restoring service with services expected to be fully restored by 6pm on 3/11.
- During construction activities:
 - There will be no emergency power available in the Hoover building - this may affect 1 of the building elevators

- **How will customers be notified of successful completion**

- Customers can call the data center operations number (281-3650) after 6 PM.

- **Risks**

- Electrical problems – there could be power fluctuations (potentially severe enough to damage equipment), or accidents severe enough to cause failure in components of the building or data center power supply.
- Electrical disruptions could cause an unplanned outage of the server farm, data center, and other electrical facilities in the Hoover building.